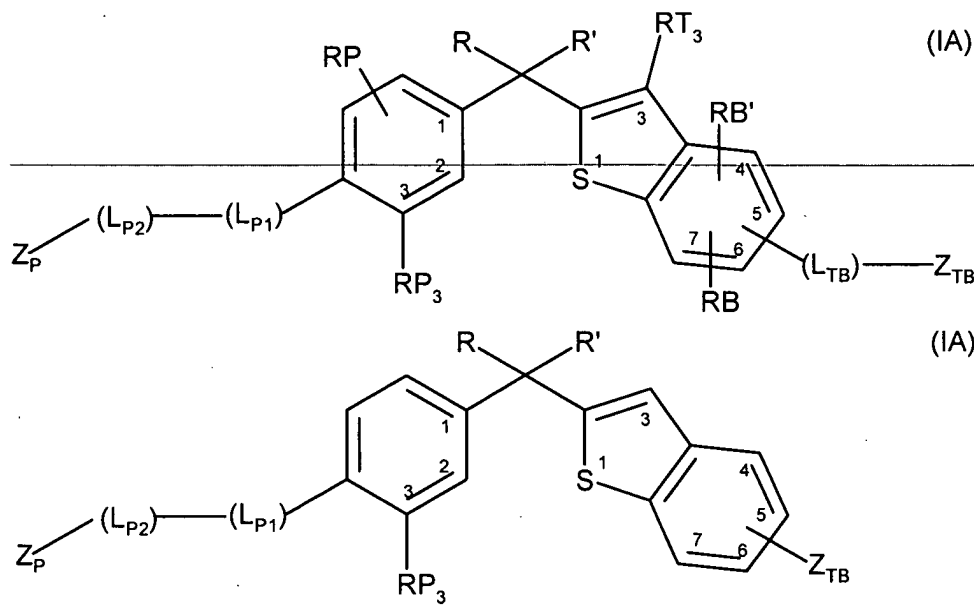


Amendments to the Claims

1. (currently amended) A compound or a pharmaceutically acceptable salt or an ester prodrug derivative thereof represented by a formula below (IA):



wherein

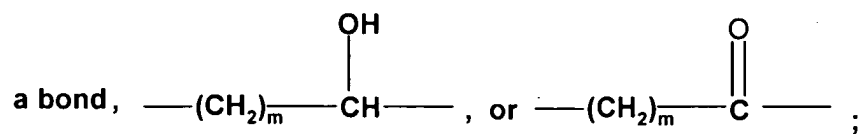
R and R' are independently C₁-C₅ alkyl, C₁-C₅ fluoroalkyl, or together R and R' form a substituted or unsubstituted, saturated or unsaturated carbocyclic ring having from 3 to 8 carbon atoms;

RP₃ and RB are independently selected from is hydrogen, halo, or C₁-C₅ alkyl, C₁-C₅ fluoroalkyl, O-C₁-C₅ alkyl, S-C₁-C₅ alkyl, O-C₁-C₅ fluoroalkyl, CN, NO₂, acetyl, S-C₁-C₅ fluoroalkyl, C₂-C₅ alkenyl, C₃-C₅ cycloalkyl, or C₃-C₅ cycloalkenyl;

RP, RT₃, and RB' are independently selected from hydrogen, halo, C₁-C₅ alkyl, C₁-C₅ fluoroalkyl, O-C₁-C₅ alkyl, S-C₁-C₅ alkyl, O-C₁-C₅ fluoroalkyl, CN, NO₂, acetyl, S-C₁-C₅ fluoroalkyl, C₂-C₅ alkenyl, C₃-C₅ cycloalkyl, or C₃-C₅ cycloalkenyl;

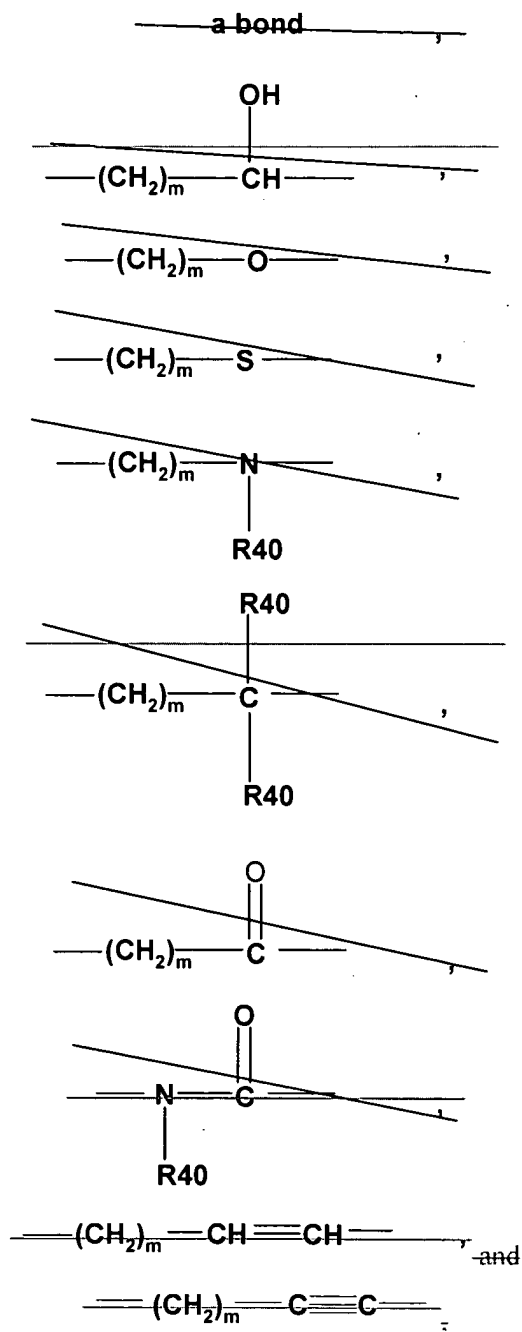
-(L_{P1}) is -(CH₂)_m-O-;

-(L_{P2}) is



and (L_{TB}) is are divalent linking groups independently selected from

the group consisting of



where m is 0, 1, or 2; and each R40 is independently hydrogen, C₁-C₅ alkyl, or C₁-C₅ fluoroalkyl;

Zp is

a branched C₃-C₅ alkyl, or 1-ethyl-1-hydroxypropyl;

3-methyl-3-hydroxypentyl;

~~3-methyl-3-hydroxypentenyl;~~
~~3-methyl-3-hydroxypentynyl;~~
~~3-ethyl-3-hydroxypentyl;~~
~~3-ethyl-3-hydroxypentenyl;~~
~~3-ethyl-3-hydroxypentynyl;~~
~~3-ethyl-3-hydroxy-4-methylpentyl;~~
~~3-ethyl-3-hydroxy-4-methylpentenyl;~~
~~3-ethyl-3-hydroxy-4-methylpentynyl;~~
~~3-propyl-3-hydroxypentyl;~~
~~3-propyl-3-hydroxypentenyl;~~
~~3-propyl-3-hydroxypentynyl;~~
~~1-hydroxy-2-methyl-1-(methylethyl)propyl;~~
~~2-methyl-3-hydroxy-4-dimethylpentyl;~~
~~2-methyl-3-hydroxy-3-ethylpentyl;~~
~~2-ethyl-3-hydroxy-3-ethylpentyl;~~
~~2-ethyl-3-hydroxy-4-dimethylpentyl;~~
~~3-methyl-3-hydroxy-4,4-dimethylpentyl;~~
~~3-methyl-3-hydroxy-4,4-dimethylpentenyl;~~
~~3-methyl-3-hydroxy-4,4-dimethylpentyl;~~
~~3-ethyl-3-hydroxy-4,4-dimethylpentynyl;~~
~~3-ethyl-3-hydroxy-4,4-dimethylpentenyl;~~
~~3-ethyl-3-hydroxy-4,4-dimethylpentynyl;~~
~~1-hydroxycyclopentenyl;~~
~~1-hydroxycyclohexenyl;~~
~~1-hydroxycycloheptenyl;~~
~~1-hydroxycyclooctenyl;~~
~~1-hydroxycyclopropyl;~~
~~1-hydroxycyclobutyl;~~
~~1-hydroxycyclopentyl;~~
~~1-hydroxycyclohexyl;~~
~~2-oxocyclohexyloxy;~~
~~2-oxocyclohexylmethyl;~~
~~3-methyl-2-oxocyclohexyloxy;~~
~~3-methyl-2-oxocyclohexylmethyl;~~

~~3,3-dimethyl 2-oxocyclohexyloxy;~~
~~3,3-dimethyl 2-oxocyclohexylmethyl;~~
~~2-hydroxycyclohexyloxy;~~
~~2-hydroxycyclohexylmethyl;~~
~~3-methyl 2-hydroxycyclohexyloxy;~~
~~3-methyl 2-hydroxycyclohexylmethyl;~~
~~3,3-dimethyl 2-hydroxycyclohexyloxy;~~
~~3,3-dimethyl 2-hydroxycyclohexylmethyl;~~
~~1-hydroxycycloheptyl; or~~
~~1-hydroxycyclooctyl;~~

provided, however, that when

~~Zp~~ is

~~3-methyl 3-hydroxypentyl;~~
~~3-methyl 3-hydroxypentenyl;~~
~~3-methyl 3-hydroxypentynyl;~~
~~3-ethyl 3-hydroxypentyl;~~
~~3-ethyl 3-hydroxypentenyl;~~
~~3-ethyl 3-hydroxypentynyl;~~
~~3-ethyl 3-hydroxy 4-methylpentyl;~~
~~3-ethyl 3-hydroxy 4-methylpentenyl;~~
~~3-ethyl 3-hydroxy 4-methylpentynyl;~~
~~3-propyl 3-hydroxypentyl;~~
~~3-propyl 3-hydroxypentenyl;~~
~~3-propyl 3-hydroxypentynyl;~~
~~3-methyl 3-hydroxy 4,4-dimethylpentyl;~~
~~3-methyl 3-hydroxy 4,4-dimethylpentenyl;~~
~~3-methyl 3-hydroxy 4,4-dimethylpentynyl;~~
~~3-ethyl 3-hydroxy 4,4-dimethylpentynyl;~~
~~3-ethyl 3-hydroxy 4,4-dimethylpentenyl;~~
~~3-ethyl 3-hydroxy 4,4-dimethylpentynyl;~~
~~2-methyl 3-hydroxy 4-dimethylpentyl;~~
~~2-methyl 3-hydroxy 3-ethylpentyl;~~
~~2-ethyl 3-hydroxy 3-ethylpentyl;~~
~~2-ethyl 3-hydroxy 4-dimethylpentyl; or~~

~~1-hydroxy-2-methyl-1-(methylethyl)propyl;~~

~~then (L_{μ1}) and (L_{μ2}) combine as a bond;~~

Z_{TB} is selected from

~~O-(C₁-C₅-alkyl);~~
~~O-(C₂-C₅-alkenyl);~~
~~O-(C₃-C₅-cycloalkyl);~~
~~O-(C₃-C₅-cycloalkenyl);~~
~~O-(C₁-C₅-hydroxyalkyl);~~
~~O-(C₁-C₅-fluoroalkyl);~~
~~O-(C₁-C₅-alkyl)-phenyl;~~
~~O-(C₁-C₅-alkyl)-(O)-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-NH₂;~~
~~O-(C₁-C₅-alkyl)-NH-(C₁-C₅-alkyl)₂;~~
~~O-(C₁-C₅-alkyl)-C(O)-NH₂;~~
~~O-(C₁-C₅-alkyl)-C(O)-NH-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-C(O)-N-(C₁-C₅-alkyl)₂;~~
~~O-(C₁-C₅-alkyl)-C(O)-OH;~~
~~O-(C₁-C₅-alkyl)-C(O)-NH-5-tetrazolyl;~~
~~O-(C₁-C₅-alkyl)-C(O)-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-C(O)-(O-C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-NH₂;~~
~~O-(C₁-C₅-alkyl)-NH-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-N-(C₁-C₅-alkyl)₂;~~
~~O-(C₁-C₅-alkyl)-NH-SO₂-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-N-pyrrolidin-2-one;~~
~~O-(C₁-C₅-alkyl)-N-pyrrolidine;~~
~~O-(C₁-C₅-alkyl)-(1-methylpyrrolidin-2-one-3-yl);~~
~~O-(C₁-C₅-alkyl)-SO₂-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-SO₂-NH₂;~~

~~O-(C₁-C₅-alkyl)-SO₂-NH-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-SO₂-N-(C₁-C₅-alkyl)₂;~~
~~O-(C₁-C₅-alkyl)-SO₂-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-S(O)-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-S(O)-NH₂;~~
~~O-(C₁-C₅-alkyl)-S(O)-NH-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-S(O)-N-(C₁-C₅-alkyl)₂;~~
~~O-(C₁-C₅-alkyl)-S(O)-(C₁-C₅-alkyl);~~
~~O-(C₁-C₅-alkyl)-P(O)-(O-C₁-C₅-alkyl)₂;~~
~~O-(C₁-C₅-alkyl)-5-tetrazolyl;~~
~~O-CH₂-CO₂H;~~
~~O-CH₂-5-tetrazolyl;~~
~~O-(C₁-C₅-alkyl);~~
~~O-C(O)-NH₂;~~
~~O-C(O)-N-(CH₃)₂;~~
~~O-C(S)-N-(CH₃)₂;~~
~~O-C(O)-O-(C₁-C₅-alkyl);~~
~~O-(5-tetrazolyl);~~
~~O-SO₂-(C₁-C₅-alkyl);~~
~~O-SO₂-NH₂;~~
~~O-SO₂-NH-(C₁-C₅-alkyl);~~
~~O-SO₂-N-(C₁-C₅-alkyl)₂;~~
~~O-S(O)-(C₁-C₅-alkyl);~~
~~O-S(O)-NH₂;~~
~~O-S(O)-NH-(C₁-C₅-alkyl);~~
~~O-S(O)-N-(C₁-C₅-alkyl)₂;~~
~~S-(C₁-C₅-alkyl);~~
~~S-(C₂-C₅-alkenyl);~~
~~S-(C₃-C₅-cycloalkyl);~~
~~S-(C₃-C₅-cycloalkenyl);~~

~~-S-(C₁-C₅-fluoroalkyl);~~
~~-S-(C₁-C₅-hydroxyalkyl);~~
~~-S-(C₁-C₅-alkyl)-phenyl;~~
~~-S-(C₁-C₅-alkyl)-O-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-C(O)-OH;~~
~~-S-(C₁-C₅-alkyl)-C(O)-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-C(O)-O-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-C(O)-NH₂;~~
~~-S-(C₁-C₅-alkyl)-C(O)-NH-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-C(O)-N-(C₁-C₅-alkyl)₂;~~
~~-S-(C₁-C₅-alkyl)-NH₂;~~
~~-S-(C₁-C₅-alkyl)-NH-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-N-(C₁-C₅-alkyl)₂;~~
~~-S-(C₁-C₅-alkyl)-NH-SO₂-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-N-pyrrolidin-2-one;~~
~~-S-(C₁-C₅-alkyl)-N-pyrrolidine;~~
~~-S-(C₁-C₅-alkyl)-(1-methylpyrrolidin-2-one-3-yl);~~
~~-S-(C₁-C₅-alkyl)-SO₂-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-SO₂-NH₂;~~
~~-S-(C₁-C₅-alkyl)-SO₂-NH-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-SO₂-N-(C₁-C₅-alkyl)₂;~~
~~-S-(C₁-C₅-alkyl)-SO₂-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-P(O)-(O-C₁-C₅-alkyl)₂;~~
~~-S-(C₁-C₅-alkyl)-5-tetrazolyl;~~
~~-S-(C₁-C₅-alkyl)-S(O)-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-S(O)-NH₂;~~
~~-S-(C₁-C₅-alkyl)-S(O)-NH-(C₁-C₅-alkyl);~~
~~-S-(C₁-C₅-alkyl)-S(O)-N-(C₁-C₅-alkyl)₂;~~
~~-S-(C₁-C₅-alkyl)-S(O)-(C₁-C₅-alkyl);~~

~~-SO₂-(C₁-C₅-alkyl);~~
~~-SO₂-(C₂-C₅-alkenyl);~~
~~-SO₂-(C₃-C₅-cycloalkyl);~~
~~-SO₂-(C₃-C₅-cycloalkenyl);~~
~~-SO₂-(C₁-C₅-hydroxyalkyl);~~
~~-SO₂-(C₁-C₅-fluoroalkyl);~~
~~-SO₂-(C₁-C₅)-phenyl;~~
~~-SO₂-NH₂;~~
~~-SO₂-NH-(C₁-C₅-alkyl);~~
~~-SO₂-NH-CH₂-C(O)OH;~~
~~-SO₂-NH-CH₂-C(O)(O-C₁-C₅-alkyl);~~
~~-SO₂-NH-(C₁-C₅-alkyl)-C(O)OH;~~
~~-SO₂-NH-(C₁-C₅-alkyl)-C(O)(O-C₁-C₅-alkyl);~~
~~-SO₂-NHC(O)-(C₃-C₆-cycloalkyl);~~
~~-SO₂-NH-C(O)-(C₁-C₅-alkyl);~~
~~-SO₂-N-(C₁-C₅-alkyl)₂;~~
~~-SO₂-(C₁-C₅-alkyl)-O-(C₁-C₅-alkyl);~~
~~-SO₂-(C₁-C₅-alkyl)-C(O)-(C₁-C₅-alkyl);~~
~~-SO₂-(C₁-C₅-alkyl)-NH₂;~~
~~-SO₂-(C₁-C₅-alkyl)-NH-(C₁-C₅-alkyl);~~
~~-SO₂-(C₁-C₅-alkyl)-N-(C₁-C₅-alkyl)₂;~~
~~-SO₂-(C₁-C₅-alkyl)-C(O)-NH₂;~~
~~-SO₂-(C₁-C₅-alkyl)-C(O)-NH-(C₁-C₅-alkyl);~~
~~-SO₂-(C₁-C₅-alkyl)-C(O)-N-(C₁-C₅-alkyl)₂;~~
~~-SO₂-(C₁-C₅-alkyl)-NH-SO₂-(C₁-C₅-alkyl);~~
~~-SO₂-(C₁-C₅-alkyl)-N-pyrrolidin-2-one;~~
~~-SO₂-(C₁-C₅-alkyl)-N-pyrrolidine;~~
~~-SO₂-(C₁-C₅-alkyl)-(1-methylpyrrolidin-2-one-3-yl);~~
~~-SO₂-(C₁-C₅-alkyl)-C(O)-O-(C₁-C₅-alkyl);~~

$-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{C}(\text{O})-\text{OH};$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-5\text{-tetrazolyl};$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{SO}_2-\text{NH}_2;$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{SO}_2-\text{NH}-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{SO}_2-\text{N}-(\text{C}_1-\text{C}_5\text{-alkyl})_2;$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{P}(\text{O})-(\text{O}-\text{C}_1-\text{C}_5\text{-alkyl})_2;$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{SO}_2-(\text{C}_2-\text{C}_5\text{-alkenyl});$
 $-\text{SO}_2-(\text{C}_3-\text{C}_5\text{-cycloalkyl});$
 $-\text{SO}_2-(\text{C}_3-\text{C}_5\text{-cycloalkenyl});$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-hydroxyalkyl});$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-fluoroalkyl});$
 $-\text{SO}_2-(\text{C}_1-\text{C}_5\text{-phenyl});$
 $-\text{SO}_2-\text{N}=\text{CHN}-(\text{C}_1-\text{C}_5\text{-alkyl})_2;$
 $-\text{S}(\text{O})-\text{NH}_2;$
 $-\text{S}(\text{O})-\text{NH}-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{S}(\text{O})-\text{NH}-\text{CH}_2-\text{C}(\text{O})\text{OH}$
 $-\text{S}(\text{O})-\text{NH}-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{C}(\text{O})\text{OH};$
 $-\text{S}(\text{O})-\text{NH}-\text{CH}_2-\text{C}(\text{O})(\text{O}-\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{S}(\text{O})-\text{NH}-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{C}(\text{O})(\text{O}-\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{S}(\text{O})\text{HC}(\text{O})-(\text{C}_2-\text{C}_6\text{-cycloalkyl});$
 $-\text{S}(\text{O})-\text{NH}-\text{C}(\text{O})-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{S}(\text{O})-\text{N}-(\text{C}_1-\text{C}_5\text{-alkyl})_2;$
 $-\text{S}(\text{O})-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{O}-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{S}(\text{O})-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{C}(\text{O})-(\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{S}(\text{O})-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{C}(\text{O})-(\text{O}-\text{C}_1-\text{C}_5\text{-alkyl});$
 $-\text{S}(\text{O})-(\text{C}_1-\text{C}_5\text{-alkyl})-\text{NH}-(\text{C}_1-\text{C}_5\text{-alkyl});$

~~S(O) (C₁-C₅-alkyl) N (C₁-C₅-alkyl)₂;~~
~~S(O) (C₁-C₅-alkyl) C(O) NH₂;~~
~~S(O) (C₁-C₅-alkyl) C(O) NH (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) C(O) N (C₁-C₅-alkyl)₂;~~
~~S(O) (C₁-C₅-alkyl) NH SO₂ (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) NH S(O) (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) N pyrrolidin-2-one;~~
~~S(O) (C₁-C₅-alkyl) N pyrrolidine;~~
~~S(O) (C₁-C₅-alkyl) (1-methylpyrrolidin-2-one-3-yl);~~
~~S(O) (C₁-C₅-alkyl) C(O) (O-C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) C(O) OH;~~
~~S(O) (C₁-C₅-alkyl) 5-tetrazolyl;~~
~~S(O) (C₁-C₅-alkyl) SO₂ (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) S(O) (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) SO₂ NH₂;~~
~~S(O) (C₁-C₅-alkyl) S(O) NH₂;~~
~~S(O) (C₁-C₅-alkyl) SO₂ NH (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) S(O) NH (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) SO₂ N (C₁-C₅-alkyl)₂;~~
~~S(O) (C₁-C₅-alkyl) S(O) N (C₁-C₅-alkyl)₂;~~
~~S(O) (C₁-C₅-alkyl) SO₂ (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) S(O) (C₁-C₅-alkyl);~~
~~S(O) (C₁-C₅-alkyl) P(O) (O-C₁-C₅-alkyl)₂;~~
~~S(O) N=CHN(C₁-C₅-alkyl)₂;~~
~~NHC(S)NH₂;~~
~~NHC(S)NH (C₁-C₅-alkyl);~~
~~NHC(S)N (C₁-C₅-alkyl)₂;~~
~~NHC(S)NH (C₂-C₅-alkenyl);~~
~~NHC(S)NH (C₃-C₅-cycloalkyl);~~

~~NHC(S)NH (C₃-C₅-cycloalkenyl);~~
~~NHC(S)NH (C₁-C₅-fluoroalkyl);~~
~~NHC(S)NH (C₁-C₅-hydroxyalkyl);~~
~~NHC(S)NH (C₁-C₅-fluoroalkyl)~~
~~NHC(S)NH-phenyl;~~
~~NHC(S)NH (C₁-C₅-alkyl)-C(O)-OH;~~
~~NHC(S)NH (C₁-C₅-alkyl)-O-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-C(O)-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-C(O)-(O-C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-NH₂;~~
~~NHC(S)NH (C₁-C₅-alkyl)-NH-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-N-(C₁-C₅-alkyl)₂;~~
~~NHC(S)NH (C₁-C₅-alkyl)-C(O)-NH₂;~~
~~NHC(S)NH (C₁-C₅-alkyl)-C(O)-NH-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-C(O)-N-(C₁-C₅-alkyl)₂;~~
~~NHC(S)NH (C₁-C₅-alkyl)-NH-SO₂-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-NH-S(O)-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-N-pyrrolidin-2-one;~~
~~NHC(S)NH (C₁-C₅-alkyl)-N-pyrrolidine;~~
~~NHC(S)NH (C₁-C₅-alkyl)-(1-methylpyrrolidin-2-one-
 —3-yl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-5-tetrazolyl;~~
~~NHC(S)NH (C₁-C₅-alkyl)-SO₂-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-SO₂-NH₂;~~
~~NHC(S)NH (C₁-C₅-alkyl)-SO₂-NH-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-SO₂-N-(C₁-C₅-alkyl)₂;~~
~~NHC(S)NH (C₁-C₅-alkyl)-S(O)-(C₁-C₅-alkyl);~~
~~NHC(S)NH (C₁-C₅-alkyl)-S(O)-NH₂;~~
~~NHC(S)NH (C₁-C₅-alkyl)-S(O)-NH-(C₁-C₅-alkyl);~~

~~NHC(S)NH (C₁-C₅-alkyl) S(O) N (C₁-C₅-alkyl)₂,~~
~~NHC(S)NH (C₁-C₅-alkyl) P(O) (O C₁-C₅-alkyl)₂,~~
~~NHC(O)NH₂,~~
~~NHC(O)NH (C₁-C₅-alkyl),~~
~~NHC(O)N (C₁-C₅-alkyl)₂,~~
~~NHC(O)NH (C₂-C₅-alkenyl),~~
~~NHC(O)NH (C₃-C₅-cycloalkyl),~~
~~NHC(O)NH (C₃-C₅-cycloalkenyl),~~
~~NHC(O)NH (C₁-C₅-hydroxyalkyl),~~
~~NHC(O)NH (C₁-C₅-fluoroalkyl),~~
~~NHC(O)NH-phenyl,~~
~~NHC(O)NH (C₁-C₅-alkyl) NH₂,~~
~~NHC(O)NH (C₁-C₅-alkyl) NH (C₁-C₅-alkyl),~~
~~NHC(O)NH (C₁-C₅-alkyl) N (C₁-C₅-alkyl)₂,~~
~~NHC(O)NH (C₁-C₅-alkyl) O (C₁-C₅-alkyl),~~
~~NHC(O)NH (C₁-C₅-alkyl) NH₂,~~
~~NHC(O)NH (C₁-C₅-alkyl) NH (C₁-C₅-alkyl),~~
~~NHC(O)NH (C₁-C₅-alkyl) N (C₁-C₅-alkyl)₂,~~
~~NHC(O)NH (C₁-C₅-alkyl) C(O) NH₂,~~
~~NHC(O)NH (C₁-C₅-alkyl) C(O) NH (C₁-C₅-alkyl),~~
~~NHC(O)NH (C₁-C₅-alkyl) C(O) N (C₁-C₅-alkyl)₂,~~
~~NHC(O)NH (C₁-C₅-alkyl) C(O) (C₁-C₅-alkyl),~~
~~NHC(O)NH (C₁-C₅-alkyl) NH SO₂ (C₁-C₅-alkyl),~~
~~NHC(O)NH (C₁-C₅-alkyl) N-pyrrolidin-2-one,~~
~~NHC(O)NH (C₁-C₅-alkyl) N-pyrrolidine,~~
~~NHC(O)NH (C₁-C₅-alkyl)~~
~~(1-methylpyrrolidin-2-one-3-yl),~~
~~NHC(O)NH (C₁-C₅-alkyl) C(O) OH,~~
~~NHC(O)NH (C₁-C₅-alkyl) C(O) O (C₁-C₅-alkyl),~~

~~-NHC(O)NH-(C₁-C₅-alkyl)-5-tetrazolyl;~~
~~-NHC(O)NH-(C₁-C₅-alkyl)-SO₂-(C₁-C₅-alkyl);~~
~~-NHC(O)NH-(C₁-C₅-alkyl)-SO₂-NH₂;~~
~~-NHC(O)NH-(C₁-C₅-alkyl)-SO₂-NH-(C₁-C₅-alkyl);~~
~~-NHC(O)NH-(C₁-C₅-alkyl)-SO₂-N-(C₁-C₅-alkyl)₂;~~
~~-NHC(O)NH-(C₁-C₅-alkyl)-P(O)-O-(C₁-C₅-alkyl)₂;~~
~~-NH₂;~~
~~-NH-(C₁-C₅-alkyl);~~
~~-NH-CH₂-C(O)OH;~~
~~-N-(C₁-C₅-alkyl)₂;~~
~~-NH-C(O)-NH₂;~~
~~-NH-C(O)-NH-(C₁-C₅-alkyl);~~
~~-NH-C(O)-N-(C₁-C₅-alkyl)₂;~~
~~-NH-C(O)-(C₁-C₅-alkyl);~~
~~-NH-SO₂-(C₁-C₅-alkyl);~~
~~-NH-S(O)-(C₁-C₅-alkyl);~~
~~-N(CH₃)(OCH₃);~~
~~-N(OH)(CH₃);~~
~~-N-pyrrolidin-2-one;~~
~~-N-pyrrolidine;~~
~~-(1-methylpyrrolidin-2-one-3-yl);~~
~~-CO₂H,~~
~~-CO₂Me,~~
~~-CO₂Et,~~
~~-C(O)CH₂S(O)Me;~~
~~-C(O)CH₂S(O)Et;~~
~~-C(O)CH₂S(O)₂Me;~~
~~-C(O)CH₂S(O)₂Et;~~
~~-C(O)CH₂CH₂S(O)Me;~~
~~-C(O)CH₂CH₂S(O)Et;~~

-C(O)CH₂CH₂S(O)₂Me,
-C(O)CH₂CH₂S(O)₂Et,
-C(O)CH(Me)CH₂CO₂H,
-C(O)CH(Me)CH₂CO₂Me,
-C(O)CH(Me)CH₂CO₂Et,
-C(O)CH(Me)CH₂CO₂iPr,
-C(O)CH(Me)CH₂CO₂tBu,
-C(O)CH(Me)CH(Me)CO₂H,
-C(O)CH(Me)CH(Me)CO₂Me,
-C(O)CH(Me)CH(Me)CO₂Et,
-C(O)CH(Me)CH(Me)CO₂iPr,
-C(O)CH(Me)CH(Me)CO₂tBu,
-C(O)CH(Me)C(Me)₂CO₂H,
-C(O)CH(Me)C(Me)₂CO₂Me,
-C(O)CH(Me)C(Me)₂CO₂Et,
-C(O)CH(Me)C(Me)₂CO₂iPr,
-C(O)CH(Me)C(Me)₂CO₂tBu,
-C(O)CH(Me)CH(Et)CO₂H,
-C(O)CH(Me)CH(Et)CO₂Me,
-C(O)CH(Me)CH(Et)CO₂Et,
-C(O)CH(Me)CH(Et)CO₂iPr,
-C(O)CH(Me)CH(Et)CO₂tBu,
-C(O)C(O)OH,
-C(O)C(O)NH₂,
-C(O)C(O)NHMe,
-C(O)C(O)NMe₂,
-C(O)NH₂,
-C(O)NMe₂,
-C(O)NH-CH₂-C(O)OH,
-C(O)NH-CH₂-C(O)OMe,

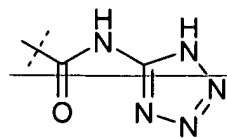
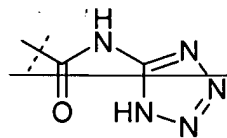
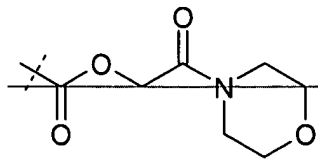
-C(O)NH-CH₂-C(O)OEt,
-C(O)NH-CH₂-C(O)OiPr,
-C(O)NH-CH₂-C(O)OtBu,
-C(O)NH-CH(Me)-C(O)OH,
-C(O)NH-CH(Me)-C(O)OMe,
-C(O)NH-CH(Me)-C(O)OEt,
-C(O)NH-CH(Me)-C(O)iPr,
-C(O)NH-CH(Me)-C(O)tBu,
-C(O)NH-CH(Et)-C(O)OH,
-C(O)NH-C(Me)₂-C(O)OH,
-C(O)NH-C(Me)₂-C(O)OMe,
-C(O)NH-C(Me)₂-C(O)OEt,
-C(O)NH-C(Me)₂-C(O)iPr,
-C(O)NH-C(Me)₂-C(O)tBu,
~~-C(O)NH-CMe(Et)-C(O)OH,~~
~~-C(O)NH-CH(F)-C(O)OH,~~
~~-C(O)NH-CH(CF₃)-C(O)OH,~~
~~-C(O)NH-CH(OH)-C(O)OH,~~
~~-C(O)NH-CH(cyclopropyl)-C(O)OH,~~
~~-C(O)NH-C(Me)₂-C(O)OH,~~
~~-C(O)NH-C(Me)₂-C(O)OH,~~
~~-C(O)NH-CF(Me)-C(O)OH,~~
~~-C(O)NH-C(Me)(CF₃)-C(O)OH,~~
~~-C(O)NH-C(Me)(OH)-C(O)OH,~~
~~-C(O)NH-C(Me)(cyclopropyl)CO₂H~~
~~-C(O)NMe-CH₂-C(O)OH,~~
~~-C(O)NMe-CH₂-C(O)OMe,~~
~~-C(O)NMe-CH₂-C(O)OEt,~~
~~-C(O)NMe-CH₂-C(O)OiPr,~~
~~-C(O)NMe-CH₂-C(O)tBu,~~
~~-C(O)NMe-CH₂-C(O)OH,~~
~~-C(O)NMe-CH(Me)-C(O)OH,~~
~~-C(O)NMe-CH(F)-C(O)OH,~~

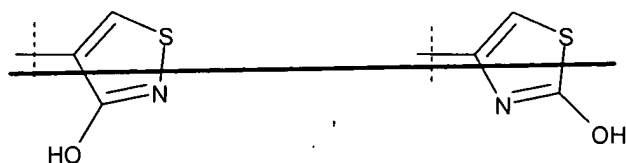
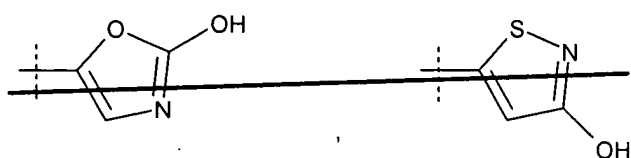
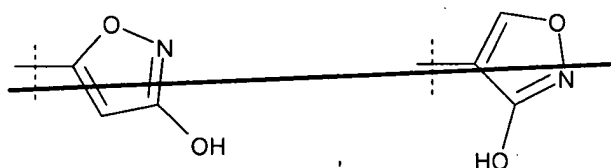
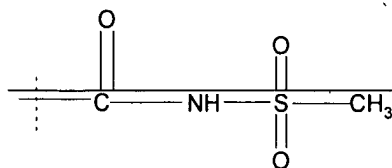
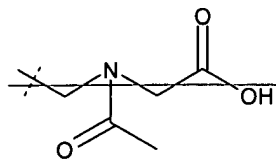
~~-C(O)NMe-CH(CF₃)-C(O)OH;~~
~~-C(O)NMe-CH(OH)-C(O)OH;~~
~~-C(O)NMe-CH(cyclopropyl)-C(O)OH;~~
~~-C(O)NMe-C(Me)₂-C(O)OH;~~
~~-C(O)NMe-CF(Me)-C(O)OH;~~
~~-C(O)NMe-C(Me)(CF₃)-C(O)OH;~~
~~-C(O)NMe-C(Me)(OH)-C(O)OH;~~
~~-C(O)NMe-C(Me)(cyclopropyl)-C(O)OH;~~
~~-C(O)NHS(O)Me;~~
~~-C(O)NHSO₂Me;~~
~~-C(O)-NH-5-tetrazolyl;~~
~~-C(O)NHS(O)Me;~~
~~-C(O)NHS(O)Et;~~
~~-C(O)NHSO₂Me;~~
~~-C(O)NHSO₂Et;~~
~~-C(O)NHS(O)iPr;~~
~~-C(O)NHSO₂iPr;~~
~~-C(O)NHS(O)tBu;~~
~~-C(O)NHSO₂tBu;~~
~~-C(O)NHCH₂S(O)Me;~~
~~-C(O)NHCH₂S(O)Et;~~
~~-C(O)NHCH₂SO₂Me;~~
~~-C(O)NHCH₂SO₂Et;~~
~~-C(O)NHCH₂CH₂S(O)Me;~~
~~-C(O)NHCH₂CH₂S(O)Et;~~
~~-C(O)NHCH₂CH₂SO₂Me;~~
~~-C(O)NHCH₂CH₂SO₂Et;~~
~~-C(O)N(Me)S(O)Me;~~
~~-C(O)N(Me)SO₂Me;~~
~~-C(O)-N(Me)-5-tetrazolyl;~~
~~-C(O)N(Me)S(O)Me;~~
~~-C(O)N(Me)S(O)Et;~~

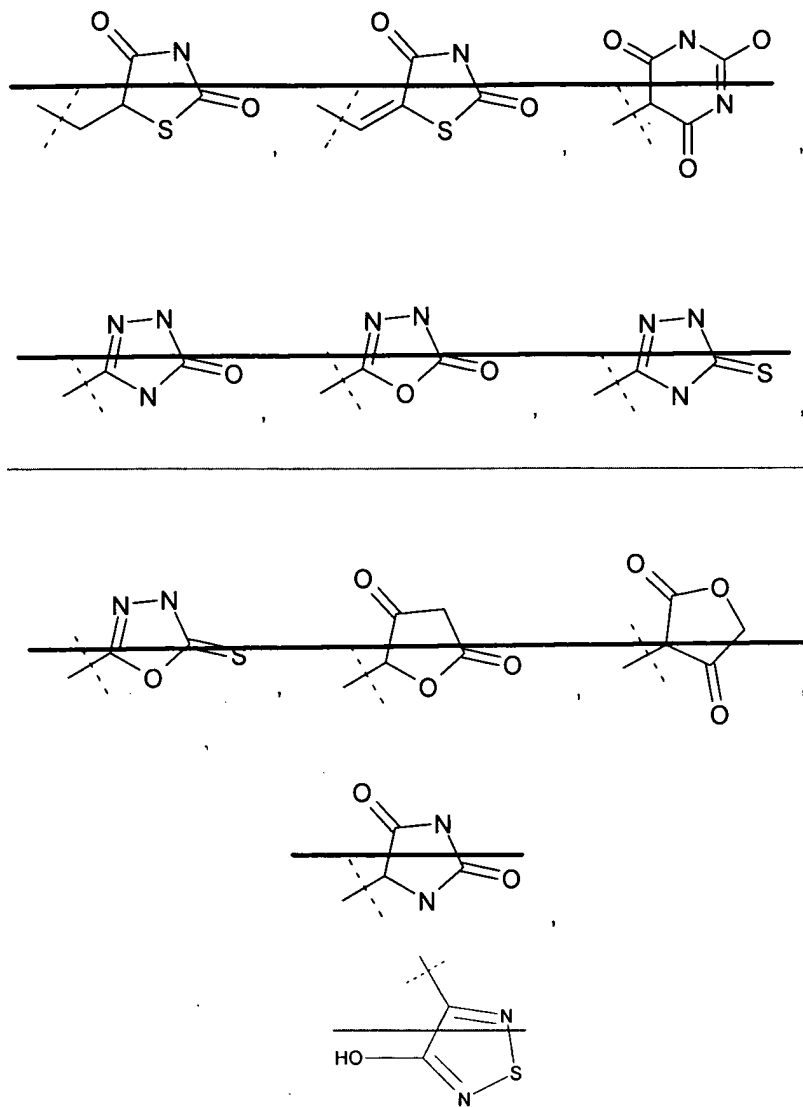
-C(O)N(Me)SO₂Me;
-C(O)N(Me)SO₂Et;
-C(O)N(Me)S(O)iPr;
-C(O)N(Me)SO₂iPr;
-C(O)N(Me)S(O)tBu;
-C(O)N(Me)SO₂tBu;
-C(O)N(Me)CH₂S(O)Me;
-C(O)N(Me)CH₂S(O)Et;
-C(O)N(Me)CH₂SO₂Me;
-C(O)N(Me)CH₂SO₂Et;
-C(O)N(Me)CH₂CH₂S(O)Me;
-C(O)N(Me)CH₂CH₂S(O)Et;
-C(O)N(Me)CH₂CH₂SO₂Me;
-C(O)N(Me)CH₂CH₂SO₂Et;
-CH₂CO₂H;
-CH₂-5-tetrazolyl;
-CH₂CO₂Me;
-CH₂CO₂Et;
-CH₂NHS(O)Me;
-CH₂NHS(O)Et;
-CH₂NHSO₂Me;
-CH₂NHSO₂Et;
-CH₂NHS(O)iPr;
-CH₂NHSO₂iPr;
-CH₂NHS(O)tBu;
-CH₂NHSO₂tBu;
-CH₂NHCH₂CH₂SO₂CH₃;
-CH₂NH(CH₂CO₂H);
-CH₂N(C(O)Me)(CH₂CO₂H);

~~-CH₂-N-pyrrolidin-2-one;~~
~~-CH₂-(1-methylpyrrolidin-2-one-3-yl);~~
~~-CH₂S(O)Me;~~
~~-CH₂S(O)Et;~~
~~-CH₂S(O)₂Me;~~
~~-CH₂S(O)₂Et;~~
~~-CH₂S(O)iPr;~~
~~-CH₂S(O)₂iPr;~~
~~-CH₂S(O)tBu;~~
~~-CH₂S(O)₂tBu;~~
~~-CH₂CO₂H; CH₂C(O)NH₂;~~
~~-CH₂C(O)NMe₂;~~
~~-CH₂C(O)NHMe;~~
~~-CH₂C(O)-N-pyrrolidine;~~
~~-CH₂S(O)₂Me; CH₂S(O)Me;~~
~~-CH(OH)CO₂H;~~
~~-CH(OH)C(O)NH₂;~~
~~-CH(OH)C(O)NHMe;~~
~~-CH(OH)C(O)NMe₂;~~
~~-CH(OH)C(O)NEt₂;~~
~~-CH₂CH₂CO₂H;~~
~~-CH₂CH₂CO₂Me;~~
~~-CH₂CH₂CO₂Et;~~
~~-CH₂CH₂C(O)NH₂;~~
~~-CH₂CH₂C(O)NHMe;~~
~~-CH₂CH₂C(O)NMe₂;~~
~~-CH₂CH₂-5-tetrazolyl;~~
~~-CH₂CH₂S(O)₂Me;~~
~~-CH₂CH₂S(O)Me;~~

-CH₂CH₂S(O)₂Et;
-CH₂CH₂S(O)Et;
-CH₂CH₂S(O)iPr;
-CH₂CH₂S(O)₂iPr;
-CH₂CH₂S(O)tBu;
-CH₂CH₂S(O)₂tBu;
-CH₂CH₂S(O)NH₂;
-CH₂CH₂S(O)NHMe;
-CH₂CH₂S(O)NMe₂;
-CH₂CH₂S(O)₂NH₂;
-CH₂CH₂S(O)₂NHMe;
-CH₂CH₂S(O)₂NMe₂;
-CH₂CH₂CH₂S(O)Me;
-CH₂CH₂CH₂S(O)Et;
-CH₂CH₂CH₂S(O)₂Me;
-CH₂CH₂CH₂S(O)₂Et;
CH(Me)CH₂C(O)OH;
-C(Me)₂CH₂C(O)OH;
-5-tetrazolyl;







~~1,3,4 oxadiazolin 2-one 5-yl;~~
~~imidazolidine 2,4-dione 5-yl;~~
~~isoxazol 3-ol-yl; or~~
~~1,3,4 oxadiazolin 2-thione 5-yl;~~

provided that RB is substituted at either the 6 or 7 position of the benzothiophene ring;
 except that RB is substituted only at the 7 position of the benzothiophene ring when Z_{TB} is at the 6
 position; and

provided that -(L_{TB})-Z_{TB} is substituted at either the 5 or 6 position of the benzothiophene
 ring; and

~~provided that RB is substituted at either the 6 or 7 position of the benzothiophene ring;
except that RB is substituted only at the 7 position of the benzothiophene ring when the group
(L_{TD}) Z_{TD} is at the 6 position; and~~

~~provided that RB' is substituted at either the 4 or 5 position of the benzothiophene ring;
except that RB' is substituted only at the 5 position of the benzothiophene ring when the group
(L_{TD}) Z_{TD} is at the 6 position of the phenyl ring; and~~

~~provided that RP is substituted at either the 2, or 5 or 6 position of the phenyl ring.~~

2-6. (canceled)

7. (currently amended) The compound of Claim 1, or a pharmaceutically acceptable salt thereof,

wherein for Formula 1A:

R and R' are independently methy or ethyl;

RP and RT₂ are independently, hydrogen or methyl;

RP₃ and RB are independently is hydrogen, methyl, or ethyl; and, ~~O-methyl- or cyclopropyl;~~

~~(L_{P1}) and (L_{TD}) divalent linking groups are both bonds;~~

~~(L_{P2}) is a bond, -CH₂-, or -CH(OH)-, or -C(Me)OH-;~~

Z_P is 1,1-dimethylethyl; 1-hydroxycyclopentyl; 1-hydroxycyclohexyl;
3-ethyl-3-hydroxypentyl; 3-ethyl-3-hydroxypentenyl; 3-ethyl-3-hydroxypentynyl;

Z_{TD} is

-CO₂H;

-CO₂Me;

-CO₂Et;

-C(O)CH₂S(O)Me;

-C(O)CH₂S(O)Et;

-C(O)CH₂S(O)₂Me;

-C(O)CH₂S(O)₂Et;

-C(O)CH₂CH₂S(O)Me;

-C(O)CH₂CH₂S(O)Et;

-C(O)CH₂CH₂S(O)₂Me;

~~-C(O)CH₂CH₂S(O)₂Et;~~
~~-C(O)CH(Me)CH₂CO₂H;~~
~~-C(O)CH(Me)CH₂CO₂Me;~~
~~-C(O)CH(Me)CH₂CO₂Et;~~
~~-C(O)CH(Me)CH₂CO₂iPr;~~
~~-C(O)CH(Me)CH₂CO₂tBu;~~
~~-C(O)CH(Me)CH(Me)CO₂H;~~
~~-C(O)CH(Me)CH(Me)CO₂Me;~~
~~-C(O)CH(Me)CH(Me)CO₂Et;~~
~~-C(O)CH(Me)CH(Me)CO₂iPr;~~
~~-C(O)CH(Me)CH(Me)CO₂tBu;~~
~~-C(O)CH(Me)C(Me)₂CO₂H;~~
~~-C(O)CH(Me)C(Me)₂CO₂Me;~~
~~-C(O)CH(Me)C(Me)₂CO₂Et;~~
~~-C(O)CH(Me)C(Me)₂CO₂iPr;~~
~~-C(O)CH(Me)C(Me)₂CO₂tBu;~~
~~-C(O)CH(Me)CH(Et)CO₂H;~~
~~-C(O)CH(Me)CH(Et)CO₂Me;~~
~~-C(O)CH(Me)CH(Et)CO₂Et;~~
~~-C(O)CH(Me)CH(Et)CO₂iPr;~~
~~-C(O)CH(Me)CH(Et)CO₂tBu;~~
~~-C(O)C(O)OH;~~
~~-C(O)C(O)NH₂;~~
~~-C(O)C(O)NHMe;~~
~~-C(O)C(O)NMe₂;~~
~~-C(O)NH₂;~~
~~-C(O)NMe₂;~~
~~-C(O)NH-CH₂-C(O)OH;~~
~~-C(O)NH-CH₂-C(O)OMe;~~
~~-C(O)NH-CH₂-C(O)OEt;~~

~~C(O)NH-CH₂-C(O)OiPr;~~
~~C(O)NH-CH₂-C(O)OtBu;~~
~~C(O)NH-CH(Me)-C(O)OH;~~
~~C(O)NH-CH(Me)-C(O)OMe;~~
~~C(O)NH-CH(Me)-C(O)OEt;~~
~~C(O)NH-CH(Me)-C(O)OiPr;~~
~~C(O)NH-CH(Me)-C(O)OtBu;~~
~~C(O)NH-CH(Et)-C(O)OH;~~
~~C(O)NH-C(Me)₂-C(O)OH;~~
~~C(O)NH-C(Me)₂-C(O)OMe;~~
~~C(O)NH-C(Me)₂-C(O)OEt;~~
~~C(O)NH-C(Me)₂-C(O)OiPr;~~
~~C(O)NH-C(Me)₂-C(O)OtBu;~~
~~C(O)NH-CMe(Et)-C(O)OH;~~
~~C(O)NH-CH(F)-C(O)OH;~~
~~C(O)NH-CH(CF₃)-C(O)OH;~~
~~C(O)NH-CH(OH)-C(O)OH;~~
~~C(O)NH-CH(cyclopropyl)-C(O)OH;~~
~~C(O)NH-C(Me)₂-C(O)OH;~~
~~C(O)NH-C(Me)₂-C(O)OH;~~
~~C(O)NH-CF(Me)-C(O)OH;~~
~~C(O)NH-C(Me)(CF₃)-C(O)OH;~~
~~C(O)NH-C(Me)(OH)-C(O)OH;~~
~~C(O)NH-C(Me)(cyclopropyl)CO₂H~~
~~C(O)NMe-CH₂-C(O)OH;~~
~~C(O)NMe-CH₂-C(O)OMe;~~
~~C(O)NMe-CH₂-C(O)OEt;~~
~~C(O)NMe-CH₂-C(O)OiPr;~~
~~C(O)NMe-CH₂-C(O)OtBu;~~
~~C(O)NMe-CH₂-C(O)OH;~~
~~C(O)NMe-CH(Me)-C(O)OH;~~
~~C(O)NMe-CH(F)-C(O)OH;~~
~~C(O)NMe-CH(CF₃)-C(O)OH;~~

~~C(O)NMe-CH(OH)-C(O)OH;~~
~~C(O)NMe-CH(cyclopropyl)-C(O)OH;~~
~~C(O)NMe-C(Me)₂-C(O)OH;~~
~~C(O)NMe-CF(Me)-C(O)OH;~~
~~C(O)NMe-C(Me)(CF₃)-C(O)OH;~~
~~C(O)NMe-C(Me)(OH)-C(O)OH;~~
~~C(O)NMe-C(Me)(cyclopropyl)-C(O)OH;~~
~~C(O)NHS(O)Me;~~
~~C(O)NHSO₂Me;~~
~~C(O)-NH-5-tetrazolyl;~~
~~C(O)NHS(O)Me;~~
~~C(O)NHS(O)Et;~~
~~C(O)NHSO₂Me;~~
~~C(O)NHSO₂Et;~~
~~C(O)NHS(O)iPr;~~
~~C(O)NHSO₂iPr;~~
~~C(O)NHS(O)tBu;~~
~~C(O)NHSO₂tBu;~~
~~C(O)NHCH₂S(O)Me;~~
~~C(O)NHCH₂S(O)Et;~~
~~C(O)NHCH₂SO₂Me;~~
~~C(O)NHCH₂SO₂Et;~~
~~C(O)NHCH₂CH₂S(O)Me;~~
~~C(O)NHCH₂CH₂S(O)Et;~~
~~C(O)NHCH₂CH₂SO₂Me;~~
~~C(O)NHCH₂CH₂SO₂Et;~~
~~C(O)N(Me)S(O)Me;~~
~~C(O)N(Me)SO₂Me;~~
~~C(O)-N(Me)-5-tetrazolyl;~~
~~C(O)N(Me)S(O)Me;~~
~~C(O)N(Me)S(O)Et;~~

-C(O)N(Me)SO₂Me;
-C(O)N(Me)SO₂Et;
-C(O)N(Me)S(O)iPr;
-C(O)N(Me)SO₂iPr;
-C(O)N(Me)S(O)tBu;
-C(O)N(Me)SO₂tBu;
-C(O)N(Me)CH₂S(O)Me;
-C(O)N(Me)CH₂S(O)Et;
-C(O)N(Me)CH₂SO₂Me;
-C(O)N(Me)CH₂SO₂Et;
-C(O)N(Me)CH₂CH₂S(O)Me;
-C(O)N(Me)CH₂CH₂S(O)Et;
-C(O)N(Me)CH₂CH₂SO₂Me;
-C(O)N(Me)CH₂CH₂SO₂Et;
-CH₂CO₂H;
-CH₂-5-tetrazolyl;
-CH₂CO₂Me;
-CH₂CO₂Et;
-CH₂NHS(O)Me;
-CH₂NHS(O)Et;
-CH₂NHSO₂Me;
-CH₂NHSO₂Et;
-CH₂NHS(O)iPr;
-CH₂NHSO₂iPr;
-CH₂NHS(O)tBu;
-CH₂NHSO₂tBu;
-CH₂NHCH₂CH₂SO₂CH₃;
-CH₂NH(CH₂CO₂H);
-CH₂N(C(O)Me)(CH₂CO₂H);

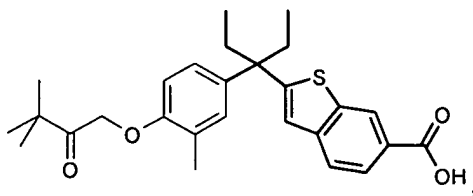
~~-CH₂-N-pyrrolidin-2-one,~~
~~-CH₂-(1-methylpyrrolidin-2-one-3-yl),~~
~~-CH₂S(O)Me,~~
~~-CH₂S(O)Et,~~
~~-CH₂S(O)₂Me,~~
~~-CH₂S(O)₂Et,~~
~~-CH₂S(O) iPr,~~
~~-CH₂S(O)₂iPr,~~
~~-CH₂S(O) tBu,~~
~~-CH₂S(O)₂tBu,~~
~~-CH₂CO₂H, CH₂C(O)NH₂,~~
~~-CH₂C(O)NMe₂,~~
~~-CH₂C(O)NHMe,~~
~~-CH₂C(O)-N-pyrrolidine,~~
~~-CH₂S(O)₂Me, CH₂S(O)Me,~~
~~-CH(OH)CO₂H,~~
~~-CH(OH)C(O)NH₂,~~
~~-CH(OH)C(O)NHMe,~~
~~-CH(OH)C(O)NMe₂,~~
~~-CH(OH)C(O)NEt₂,~~
~~-CH₂CH₂CO₂H,~~
~~-CH₂CH₂CO₂Me,~~
~~-CH₂CH₂CO₂Et,~~
~~-CH₂CH₂C(O)NH₂,~~
~~-CH₂CH₂C(O)NHMe,~~
~~-CH₂CH₂C(O)NMe₂,~~
~~-CH₂CH₂-5-tetrazolyl,~~
~~-CH₂CH₂S(O)₂Me,~~
~~-CH₂CH₂S(O)Me,~~

$-\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{Et}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{Et}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{iPr}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{iPr}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{tBu}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{tBu}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{NH}_2$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{NHMe}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{NMe}_2$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{NH}_2$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{NHMe}$;
 $-\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{NMe}_2$;
 $-\text{CH}_2\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{Me}$;
 $-\text{CH}_2\text{CH}_2\text{CH}_2\text{S}(\text{O})\text{Et}$;
 $-\text{CH}_2\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{Me}$; or
 $-\text{CH}_2\text{CH}_2\text{CH}_2\text{S}(\text{O})_2\text{Et}$.

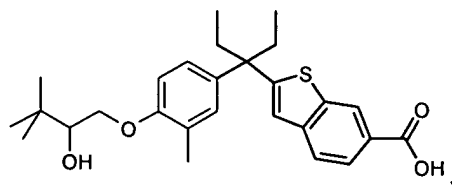
8-9. (canceled)

10. (currently amended) A compound according to claim 1 represented by formulae below or a pharmaceutically acceptable salt or ester prodrug derivative thereof:

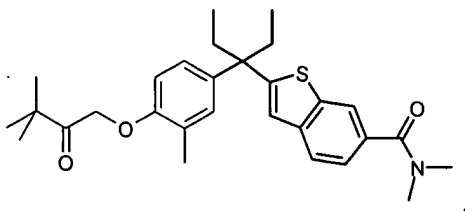
C7)



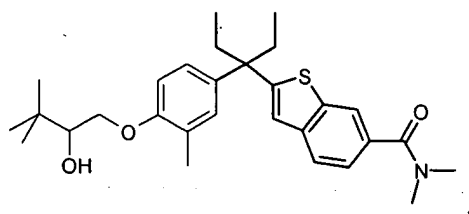
C8)



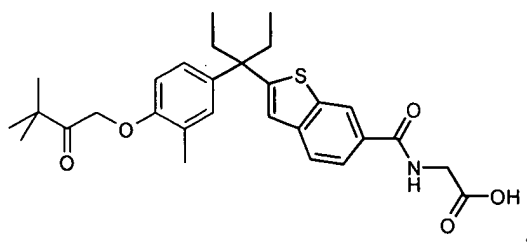
C9)



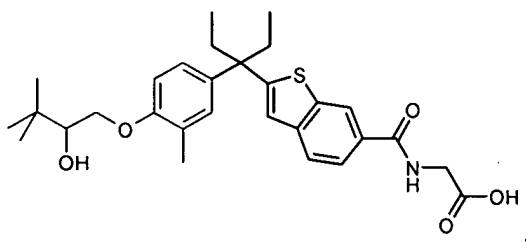
C10)



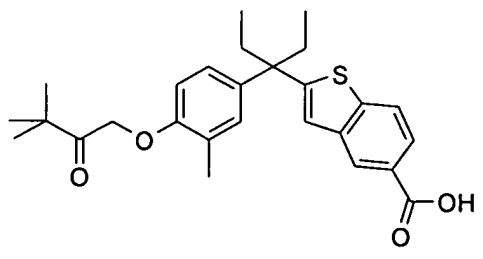
C11)



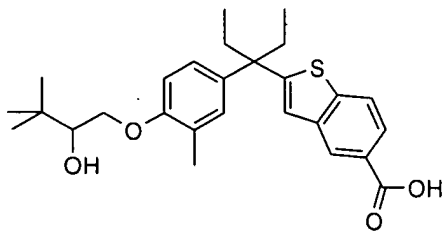
C12)



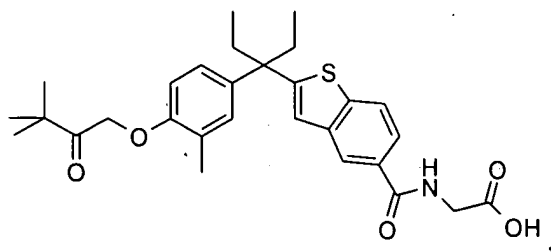
C17)



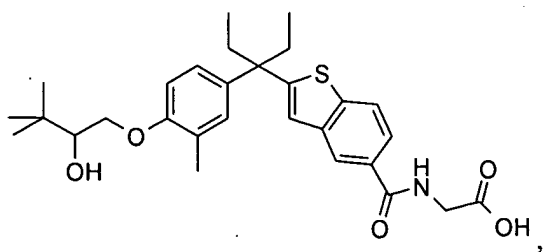
C18)



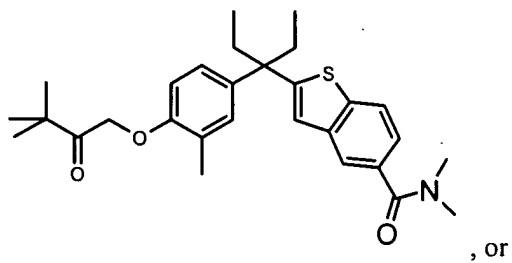
C19)



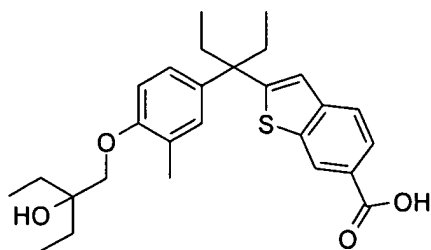
C20)



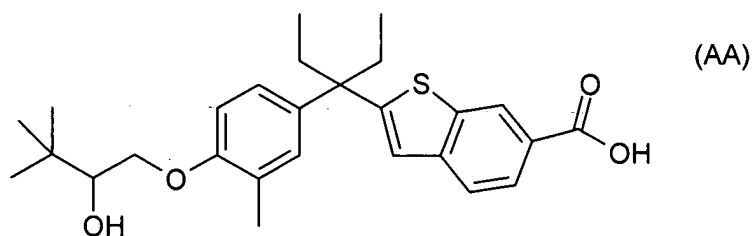
C21)



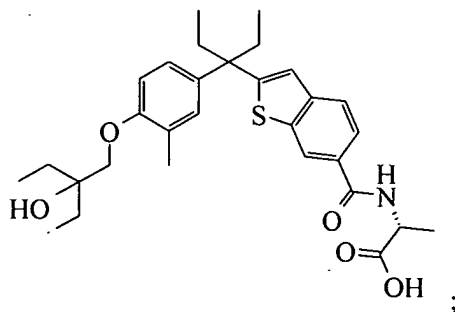
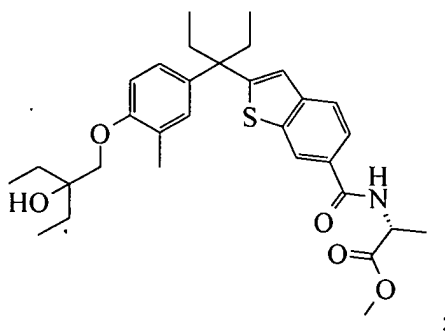
C22)

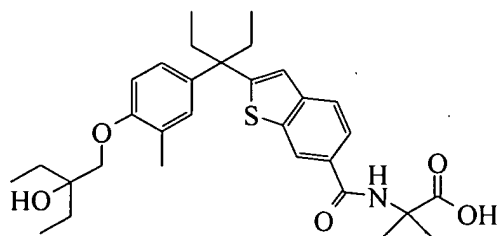
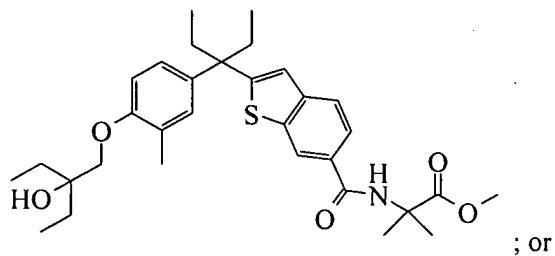
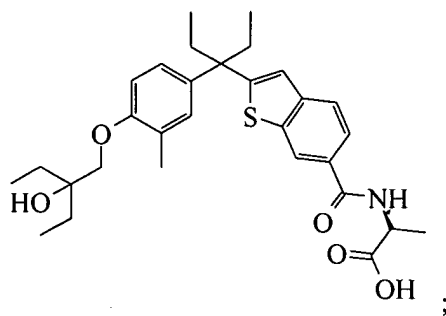
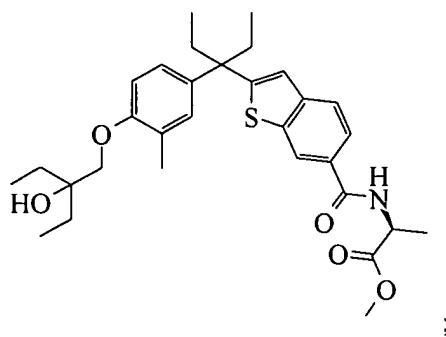


11. (currently amended) The compound according to claim 1 represented by the structural formula AA or a pharmaceutically acceptable salt or ester prodrug thereof:



12. (currently amended) A compound according to claim 1 or a pharmaceutically acceptable salt or ester prodrug thereof wherein said compound is selected from





13. (canceled)

14. (currently amended) ~~The salt derivative of the A compound according to claim 1 wherein the pharmaceutically acceptable salt is a sodium or potassium salt.~~

15. (previously presented) A pharmaceutical formulation comprising the compound according to claim 1 together with a pharmaceutically acceptable carrier or diluent.

16-19. (canceled)

20. (currently amended, withdrawn) A method of treating a mammal to prevent or alleviate the pathological effects of ~~Aene, Actinic keratosis, Alopecia, Alzheimer's disease, Benign prostatic hyperplasia, Bladder cancer, Bone maintenance in zero gravity, Bone fracture healing, Breast cancer, Chemoprevention of Cancer, Crohn's disease, Colon cancer, Type I diabetes, Host graft rejection, Hypercalcemia, Type II diabetes, Leukemia, Multiple sclerosis, Myelodysplastic syndrome, Insufficient sebum secretion, Osteomalacia, Osteoporosis, Insufficient dermal firmness, Insufficient dermal hydration, Psoriatic arthritis, Prostate cancer, or Psoriasis, Renal osteodystrophy, Rheumatoid arthritis, Scleroderma, Skin cancer, Systemic lupus erythematosus, Skin cell damage from, Mustard vesicants, Ulcerative colitis, Vitiligo, or Wrinkles~~; wherein the method comprises administering a pharmaceutically effective amount of at least one compound according to claim 1 or a pharmaceutically acceptable salt thereof.

21. (withdrawn) The method of claim 20 for the treatment of psoriasis.

22. (withdrawn) The method of claim 20 for the treatment of osteoporosis.

23-35. (canceled)

36. (new) A compound of according to Claim 1, or a pharmaceutically acceptable salt thereof,

R and R' are each ethyl;

RP₃ is methyl; and

(L_{P2}) is a -C(O)- or -CH(OH)-.

37. (new) A compound according to claim 1 wherein Z_{TB} includes a carboxylic acid group functionalized as a N,N-diethylglycolamido ester or morpholinylethyl ester.